Abstract of the Disclosure

A light unit for generating light rays with differing wavelengths is disclosed. The light unit has a light source unit (34), a mirror unit (80), a carrier unit (30), an output window (50) comprising an opening (60) and a pressure generation unit (12). The light source unit (34) and the pressure generation element (32) are contained in the carrier unit (30), which has a longitudinal axis (40) that runs substantially parallel to the generated light rays and the mirror unit (80) and the output window (50) are located at opposite ends of the carrier unit (30). In addition, the pressure generation unit (32) generates a force that acts on the light source unit (34). The mirror unit (80) and/or the output window (50) can be displaced in relation to the carrier unit (30) and/or tilted in relation to the longitudinal axis (40) by at least one displacement element (52,.., 56), in conjunction with the force that is exerted on the light source unit (34) by the pressure generation element (32). This permits the wavelength of the light rays to be adjusted over a wide range.